

Clause	Description	Requirement	Supporting Document
NDW 2.3	Water Supply Mains – Non-Drinking Water	SA Water requires that non-drinking water pipework shall be PURPLE or PURPLE STRIPED . Purple sleeving is not to be used without specific, project related, authorisation from SA Water	
NDW 2.5	Property Services - Non-Drinking Water	SA Water require that property service pipework shall be PURPLE or PURPLE STRIPED . Purple sleeving is not to be used without specific, project related, authorisation from SA Water	
NDW2.6	Marker Tapes	Marker tapes shall be used where pipes manufactured from plastic materials run in areas not designated in “Services in Streets Code” eg across a reserve.	
NDW 3.4.2	Temporary Cross Connections	Temporary cross connections shall include an isolating valve and an approved Backflow Prevention Device (RPZD) in the pipe joining the two supplies.	
NDW 3.5.2	Sizing of Mains – Fire Flows	Fire services shall be supplied from the drinking water supply unless a specifically designated alternate supply system is specified by SA Water	
NDW 3.6	Allowable Service Pressure	SA Water does not require the non-drinking water supply system to operate at a lower service pressure than the Drinking water system.	
NDW 3.7	Location of Mains	Non-Drinking water mains shall be laid in the area allocated by “Services in Streets Code”. See WSCM Drawings Section D Index	
NDW 3.8	Main Depths	Non-Drinking water mains shall be laid to the same depth and using the same materials and compaction criteria as drinking water mains See WSCM Drawing Section B Index	
NDW 3.10	Property Services	Property services shall be laid as detailed in WSCM Drawings Section D (See index)	
NDW 3.12	Hydrants /Air release Valves Location	On all non-drinking water mains the only hydrant / air release valve to be used shall be the Spring Ball hydrant (to AS 3952). Note: Standard SA Water hydrants are NOT to be used on non-drinking water mains. Hydrants shall be located at high and low points to allow for air bleeding and drainage respectively. See WSA 03 Clause 6.8.9 and NDW 3.14 for more details	
NDW 3.14	Flushing Points	Flushing points located at the permanent ends of mains shall be as for drinking water (See WSCM Drawings Section C). Flushing points shall be at maximum spacing of 150 m.	
NDW 3.16	Thrust Blocks Anchor Blocks	See also SA Water WSCM Drawings Section B. Timber and Plastic Thrust blocks (WAT-1206) may only be used for temporary Thrust Block applications. All valves \geq DN100 are to be anchored in position. See SA Water WSCM Drawings Section B.	
NDW 3.17	Surface Boxes	All Surface Boxes shall have the words “Recycled Water” or similar cast into the top of the cover and the top surface of the cover is to coloured PURPLE .	
NDW 3.18	Identification Markers	Identification markers (apart from above) are not required.	

To be used with **WSA 03-2002 Supplement V1.2**